

FIG. 1

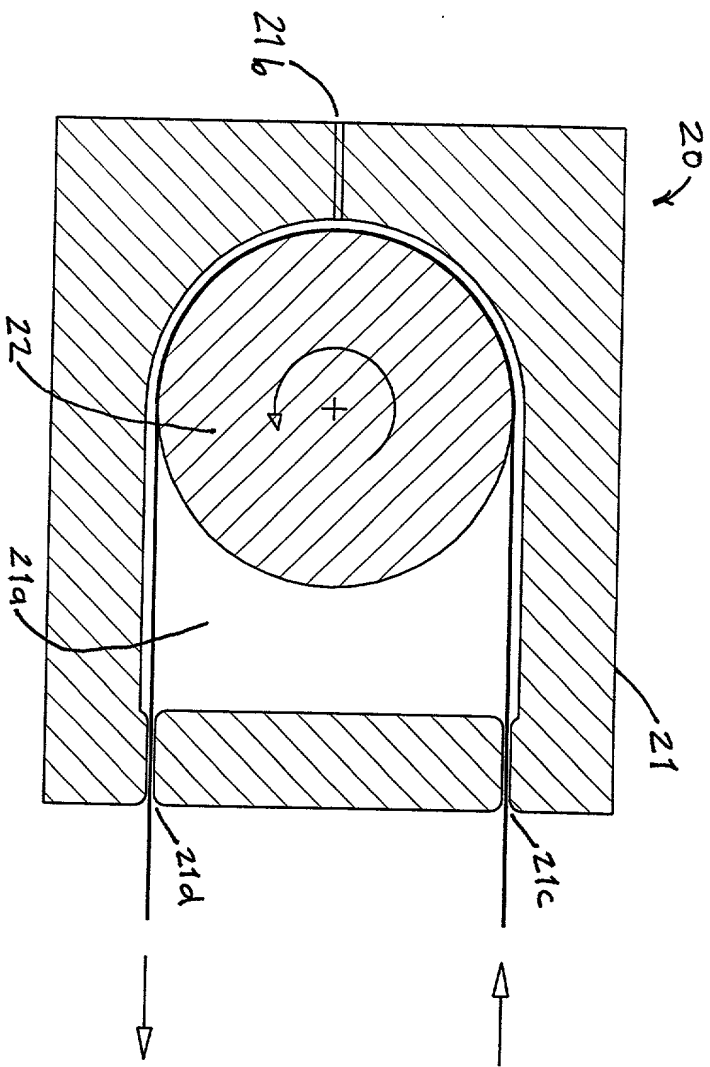


FIG. 2

FIG. 2 is a technical drawing of a mechanical part, designated by the reference numeral 20. The part is shown in a cross-sectional view, indicated by diagonal hatching. It features a semi-circular cutout on its upper surface, defined by a curved wall 21b and a flat base 21a. A horizontal line 22 is drawn across the width of the part, passing through the center of the semi-circular cutout. A rectangular protrusion is located on the lower surface of the part, with its top surface labeled 21c and its bottom surface labeled 21d. Two arrows at the bottom of the drawing point towards the center of the part, one from the left and one from the right, indicating a direction of force or flow.

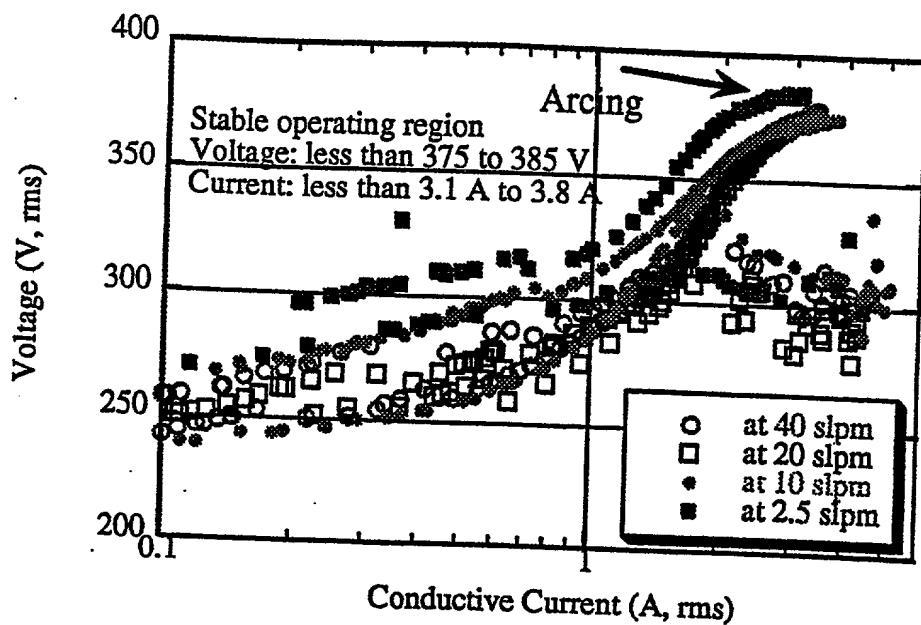


FIG 3A

Stable operating region (voltage and current) of atmospheric-pressure plasma discharge for various gas flow rates from 2.5 slpm to 40 slpm at a gas composition of 98% He and 2% O₂.

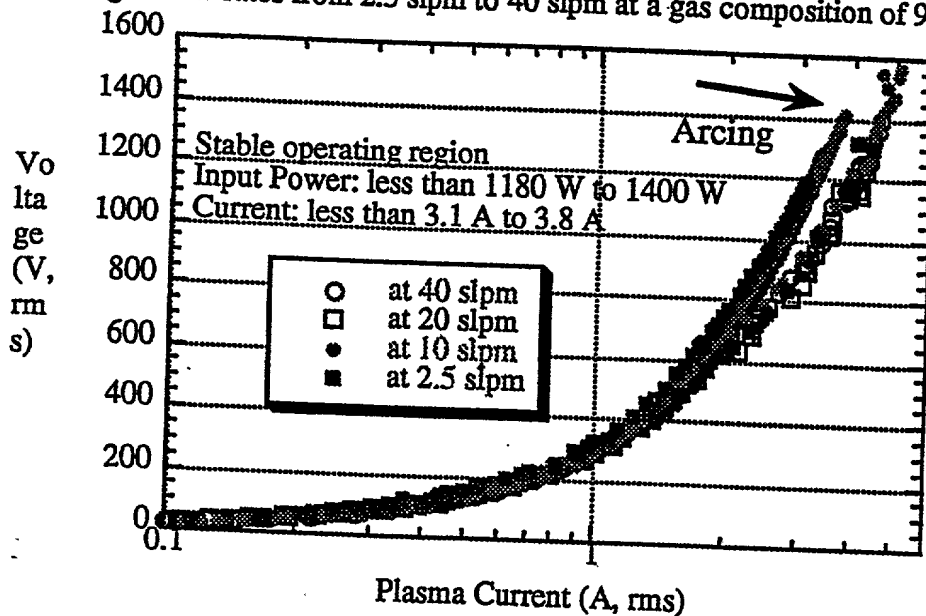


FIG 3B

Stable operating region (input power and current) of atmospheric-pressure plasma discharge for various gas flow rates from 2.5 slpm to 40 slpm at a gas composition of 98% He and 2% O₂.

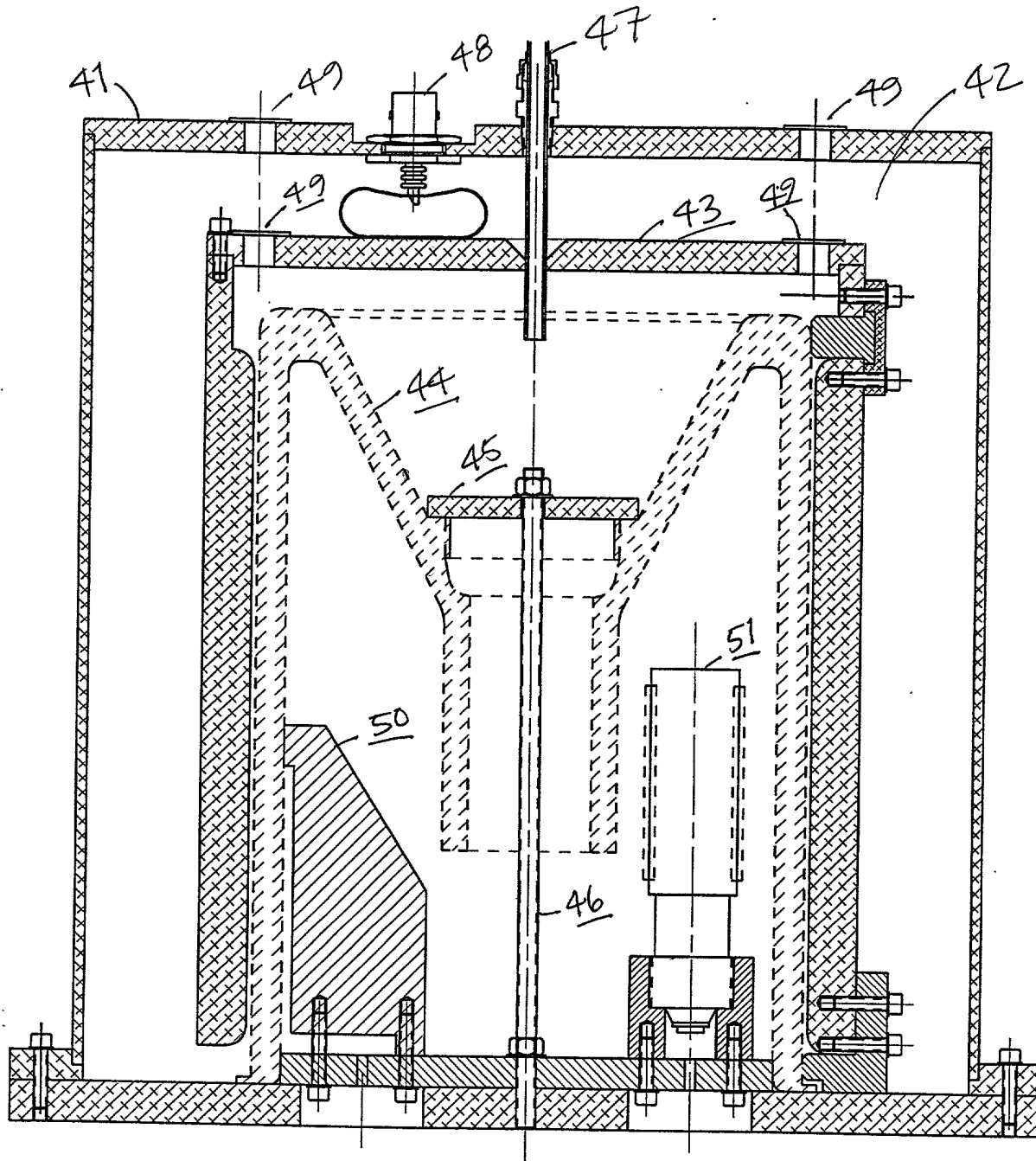


FIG. 4